

November 24, 1976

Mr. Brad Clark
Atlas Minerals
Division of Atlas Corporation
Big Indian Mines
Moab, Utah 84532

Re: Surety
Rim-Columbus Mine
San Juan County, Utah
ACT/037/006

Dear Brad:

Ron Daniels and I have calculated the amount of reclamation surety required for the Rim-Columbus Mine. I am sending you a copy of the estimate, fully itemized. Also, the three (3) different types of surety forms are enclosed. We ask that you go over the forms and remit the appropriate form completed by your office.

The thirty (30) day period for public comments on the published notice for this mine is over December 26th, after this time we will present the estimate to our Board. Providing the appropriate form of surety is received by this office by January 15, 1977, we can then obtain the Board's decision to grant final approval at their January Board meeting which is tentatively set for January 19, 1977.

If you have any questions on this matter please contact myself or Ron.

Yours truly,

DIVISION OF OIL, GAS, AND MINING

BRIAN W. BUCK
ENGINEERING GEOLOGIST

BWB/lc

Enclosed: Surety Estimate
MR Forms 5-7

DIVISION OF OIL, GAS, AND MINING
BOND ESTIMATE

OPERATOR: Atlas Minerals
MINE NAME: Rim-Columbus Mine
LOCATION: Sec. 19, 20, 29, 30, T. 31 S., R. 25 E.
COUNTY: San Juan County, Utah
DATE: November 23, 1976

	Operation	Amount	Rate	Cost
A.	CLEAN-UP			
	1. Removal of structures & equipment.	80 man/hours	\$5/hr.	\$400.00
	2. Removal of trash & debris.			
	3. Leveling of ancillary facilities pads and access roads.	20 truck/hours	\$10/hr.	\$200.00
B.	REGRADING & RECONTOURING			
	1. Earthwork including haulage and grading of spoils, waste and overburden.	2 days cat time.	\$50/hr.	\$800.00
	2. Recontouring of highwalls and excavations.			
	3. Spreading of soil or surficial materials.			
C.	STABILIZATION			
	1. Soil preparation, scarification, fertilization, etc.	Scarifying 13 acres.	\$25/acre	\$325.00
	2. Seeding or planting.	Seeding 13 acres.	\$100/acre	\$1,300.00
	3. Construction of terraces, waterbars, etc.			
D.	LABOR			
	1. Supervision.	2 days for	\$10/hr.	\$160.00
	2. Labor exclusive of bulldozer time.	foreman supervision.		
E.	SAFETY			
	1. Erection of fences, portal coverings, etc.	2 earth fill portal seals.	\$200/@	\$400.00
	2. Removal or neutralization of explosive or hazardous materials.	1'x12'x12' concrete shaft seal.	\$400/@	\$400.00
F.	MONITORING	Sealing 2 vent holes.	\$50/@	\$50.00
	1. Continuing or periodic monitoring, sampling & testing deemed necessary.		Subtotal =	\$4,035.00
G.	OTHER 5% Inflation	5 years		\$1,146.00
			Total =	\$5,181.00